GENERAL INDEX

to Publications of the Society of Petroleum Engineers of AIME (1953-1966)

HENRY L. DOHERTY SERIES

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Society of Petroleum Engineers of AIME

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Dedication

"This index is dedicated to my two loves: my family and the petroleum industry."

HOWARD B. BRADLEY

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Foreword

The growth of modern technology and the corresponding expansion of the literature have made it virtually impossible for the engineer and scientist to keep informed on the availability of source material in his own and related disciplines. This General Index directs the engineer to the information published in both the *Transactions* of the Society of Petroleum Engineers of AIME and the JOURNAL OF PETROLEUM TECHNOLOGY from 1953 through 1966, and in the SOCIETY OF PETROLEUM ENGINEERS JOURNAL from 1961 through 1966. Approximately 12,000 entries are listed, averaging two author and five subject entries for each paper or article appearing in these publications.

The first volume of the General Index, published in 1954, included all petroleum publications of the AIME for the 32 years from 1921 through 1952. The fact that this second volume is more than twice the size of the first and spans only 14 years, is testimony to the growth of petroleum and natural gas technology.

The index was prepared by Howard B. Bradley of Dallas, Tex., who has compiled the annual indexes for both JOURNAL OF PETROLEUM TECHNOLOGY and the *Transactions* since 1957.

It is our hope that this composite index will prove a valuable reference for the practicing, professional petroleum engineer and scientist.

December 20, 1967

The Henry L. Doherty Fund of AIME

This *General Index to Publications of the Society of Petroleum Engineers of AIME* is another of the many projects that have been financed by the Henry L. Doherty Fund of the American Institute of Mining, Metallurgical, and Petroleum Engineers, Inc.

The Doherty Fund has underwritten the production costs for the index — including the costs for preparing the index cards — and income derived from the sale of the books will accrue to the Fund.

In recent years, income from the Doherty Fund has been used to underwrite a number of important projects of the Society. The Fund co-sponsors the SPE Monograph Series, which has proven a valuable member service in the publications area. The Fund supports in part the Distinguished Lecturer Program and underwrites publication of the *SPE Student Journal*. Other projects have included publication of the volume *Petroleum Conservation*, the reprinting of a number of volumes of the Society's *Transactions*, and the printing of many thousands of *Careers in Petroleum Engineering* booklets.

One of some 35 endowment funds held by AIME, the Henry L. Doherty Fund was established in 1945 as a memorial to the late Henry L. Doherty, founder of Cities Service companies. Mr. Doherty had many interests relating to the petroleum industry, and specifically to petroleum engineering. The principle of optimum or maximum rate of production is the direct evolution of his early interest in gas conservation. In recognition of this contribution he was awarded the Anthony F. Lucas Gold Medal in 1938. While the concept of conservation was not discovered by Mr. Doherty, he made it his own by a vigorous championship of unit operations. He concluded that oil reservoirs should be operated as units, and in a notable paper presented before AIME in 1925, he proposed that unit operations be made mandatory by law to conserve petroleum.

Mr. Doherty's ideas were considered radical by many at the time they were presented, but they have since gained acceptance. As a pioneer in the promotion of unit operation, he made a major contribution to modern oilfield practice and conservation.

Explanatory Notes

This index covers three periodicals published by the Society of Petroleum Engineers of AIME:

1. *Transactions* of the Society of Petroleum Engineers of AIME, 1953 through 1966.
2. *Journal of Petroleum Technology (JPT),* 1953 through 1966.
3. *Society of Petroleum Engineers Journal (SPEJ),* 1961 through 1966.

The index is compiled by authors' names and by subject in a single, composite alphabetical listing.

The *Transactions* volume numbers are printed in bold face type, the abbreviations of periodical names in capital italics, and the month and year in parentheses. Page numbers are in light face type and authors' names in all capitals.

There are five different formats of published material indexed in this volume. Three of these, now in use, are:

1. The technical article published only in *JPT*.
2. The technical paper published in *JPT* and in the SPE *Transactions* volume, Part I.
3. The technical paper published in *SPEJ* and in the SPE *Transactions* volume, Part II.

The other two formats, now discontinued, are:

4. The technical note (Tech. Note) published in *JPT* and the SPE *Transactions* volume.
5. The summary of technical paper and of technical note, published in full in the SPE *Transactions* volume only.

Example Entries

Example subject entries of the five formats are given below:

1. Acidizing: hydrochloric acid: high concentration aids stimulation results in carbonate formation, *JPT* (Oct. 1966) 1291
2. Acoustic velocity logging: formation pressures: estimation from shale properties, **234**, I-717; *JPT* (June 1965) 717
3. Abrasive jetting: hydraulic: chip removal by, **231**, II-21; *SPEJ* (Mar. 1964) 21
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5. Boundary conditions: elliptic: unsteady-state liquid flow through porous media, **216** (1959) 460

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1. ADAMSON, D. K.: *Increasing Petroleum Engineering Enrollments Fall Short of Industry Demand, JPT* (Jan. 1966) 64
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For ready reference, the *Transactions* volume number and year of publication are listed below:

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